NEW YORK STATE
DEPARTMENT OF TRANSPORTATION

1220 Washington Avenue, State Campus, Albany, New York 12226

April 28, 1971

TO: ALL REGIONAL DIRECTORS

SUBJECT: REVISIONS - Materials Method N.Y. 5.11 - "Plant Inspection of Bituminous Concrete" - High Friction Surface Course Mixes

The following changes in procedure are effective immediately with relation to Section V, Part B and Section VI of Materials Method N.Y. 5.11.

1. When submitting high friction aggregate samples, a copy of Form BR-161a, "Hot Bin Analysis," need not be sent to the Materials Bureau. Instead, the inspector SHALL copy the batch percentages for # 1 and/or # 1A size stone into the space for "Remarks" on the sample identification form sent in with the sample (Form BR-170b, "Bitumen or Mix Sample"). See sample form below.

2. The inspector shall follow the Distribution instructions found on the bottom of the "Bitumen or Mix Sample" form, Form BR-170b (9/68). Both white and green paper copies should be sent to the Materials Bureau. (Only Form BR-170b should be used for this program.)

Test results will be returned to Regional Offices on the green copy of the Form BR-170b, validated by the Materials Bureau. Results will be shown on the bottom lines of the right side of the form. See sample form below.

NYSDOT
Library
50 Wolf Road, POD 34
Albany, New York 12232

SAMPLE FORM BR-170b

FORM BR-170b (9/68) NEW YORK STATE DEPT. OF TRANSPORTATION MATERIALS BUREAU	BITUMEN OR MIX SAMPLE	FOR LAB USE ONLY TEST NO. 71 L5 XXX DATE REC'D. 7/5/71
SEE REVERSE SIDE FOR INSTRUCTIONS		SERIAL NO. 77805

PRIMARY SOURCE*	LOCATION*			
XYZ Co	Site N.Y.			
LOT. NO.*	ITEM NO.*†	GRADE TYPE*†	DATE SAMPLED*†	TIME SAMPLED*†
	51 MF		7/4/71	11:30 AM
SAMPLED BY*†	DISTRICT NO.*†	JOB-MIX FORM. NO.†	TONS REPRESENTED†	
J. Doe	4	1	1180	

COMPLETE THIS SECTION FOR SAMPLES TAKEN AT BITUMINOUS CONCRETE PLANT.	COMPLETE THIS SECTION FOR SAMPLES TAKEN AT PROJECT SITE.
NAME OF OWNER*† XYZ Co	NAME OF SUPPLIER*† LOCATION*†
LOCATION*† Site, N.Y.	CONT. OR HM NO.*† HIGH FRIC AGGREGATE; VEHICLE NO.* TEST DATA
REMARKS:*† % Batched ① #1's=23% #1A's=35%	STATION AND LANE*† NON-CARD. + 1/8 in. = 23 % GALS. REP. AT 60° F.* CONTENT ② + 1/4 in. = 25 %

DISTRIBUTION – • Yellow to Dist. File • White & Green to Materials Bureau within Sample Pkg.
• Pink to Inspector • White Card (Part #5) – Affix to Sample Container

COMPLETE FOR BITUMEN SAMPLE*
COMPLETE FOR MIX SAMPLE†
COMPLETE FOR EITHER TYPE OF SAMPLE*†

③

① ENTERED BY INSPECTOR - batch percentage figures for # 1 and/or # 1A size stone (copied directly from "Hot Bin Analysis," Form BR-161a).

② TEST RESULTS - entered at Materials Bureau.

③ VALIDATION STAMP - applied at Materials Bureau.

All other provisions of Materials Method N.Y. 5.11 are still in effect.

Harry H. McLean

HARRY H. McLEAN
Director of Engineering Materials

DEJP:rmo
FILE: 28

BR 161a (5/68)

STATE OF NEW YORK – DEPARTMENT OF TRANSPORTATION – MATERIALS BUREAU

HOT BIN ANALYSIS

PLANT XYZ Co. Site, N.Y. INSPECTOR J. Doe DATE 7/4/71

ITEM NO. 5I MF MIX TYPE 1A Top AGGREGATE TEMP. 300 °F BITUMEN TEMP. 300 °F

BIN BREAKDOWN

Sieve Sizes	No. 2			No. 1			No. 1A			No. 1B			FINES			MINERAL FILLER		
	Wt.	% ret.	% pass	Wt.	% ret.	% pass	Wt.	% ret.	% pass	Wt.	% ret.	% pass	Wt.	% ret.	% pass	Wt.	% ret.	% pass
2"																		
1½"																		
1"																		
½"																		
¼"																		
1/8"																		
20																		
40																		
80																		
200																		
PAN																		
Totals																		

FILL IN AS REQUIRED

COMBINED GRADATION

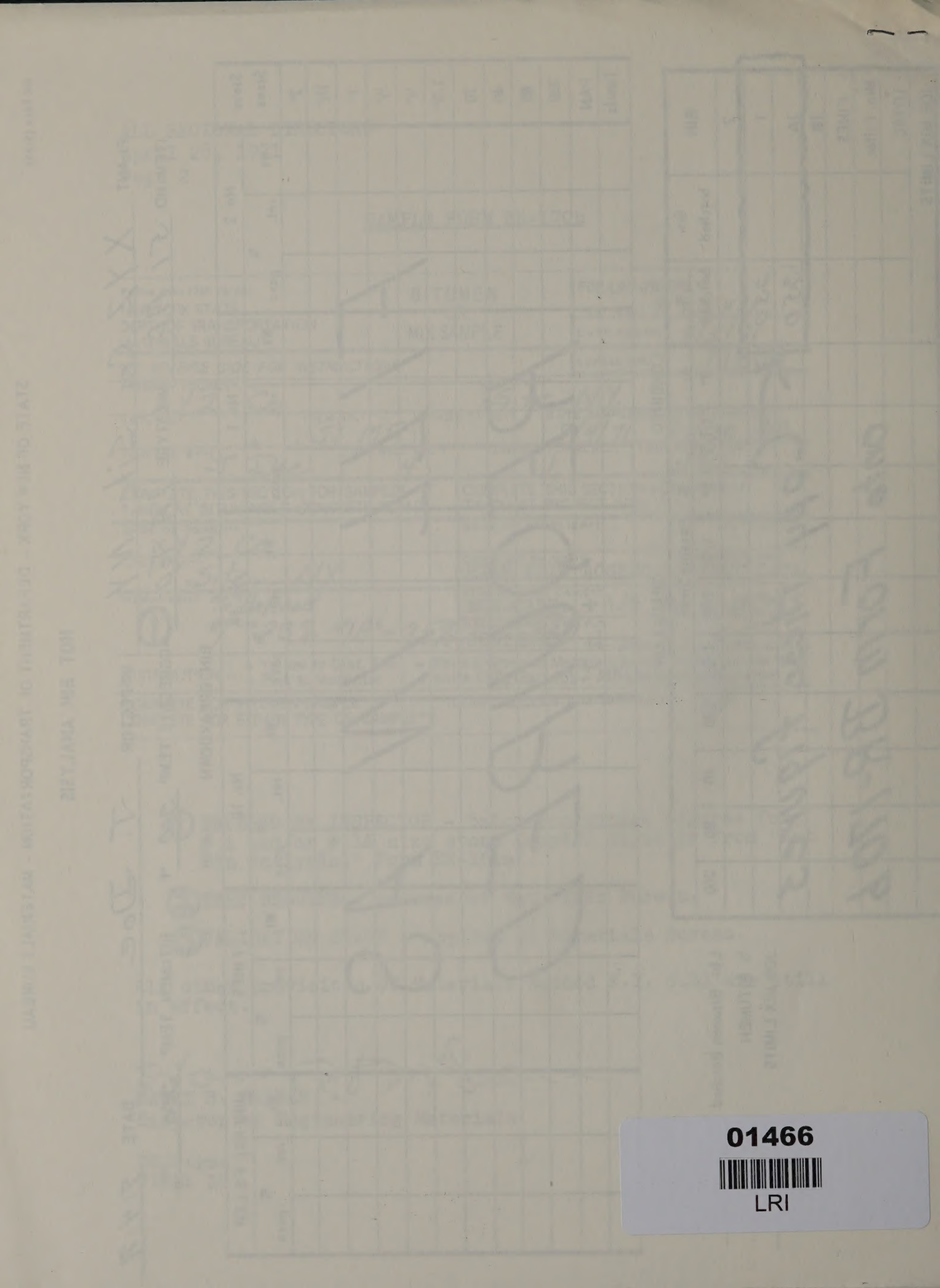
BIN	lbs batched	% batched	% Passing Sieve 2"	1-1/2"	1"	1/2"	1/4"	1/8	20	40	80	200
2												
1		23.0										
1A		35.0										
1B												
FINES												
Min. Filler												
TOTAL												
JOB MIX LIMITS												

← Copy these figures onto Form BR-170b

Lbs. Bitumen Batched _____

% BITUMEN _____

JOB MIX LIMITS _____



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LRI